Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for preparing a polynucleotide comprising a nucleotide sequence having an activity of regulating the translation efficiency of a template in a protein synthesis system, ~~characterized by~~ said method comprising: (a) supplying one or more types of template, comprising any nucleotide sequence, to a protein synthesis reaction system; (b) recovering a polyribosomal fraction from said reaction solution after the reaction; and (c) collecting a polynucleotide comprising said nucleotide sequence in the template contained in said polyribosomal fraction.

2. (currently amended) The method according to Claim 1, ~~characterized in that~~ wherein said steps (a) to (c) are repeated using a template comprising the nucleotide sequence obtained in step (c).

3. (currently amended) The method according to Claim 1, ~~characterized in that~~ wherein said steps (a) to (c) are repeated using a template comprising a sequence wherein a mutation has been introduced into the nucleotide sequence obtained in step (c).

4. (currently amended) The method according to ~~any of Claim 1 to Claim 3, characterized in that~~ Claim 1, wherein density gradient centrifugation is used in the method for recovering the polyribosomal fraction,

5. (currently amended) The method according to ~~any of~~ Claim 1 ~~to Claim 4~~, wherein the protein synthesis system is a cell-free protein synthesis system using wheat germ extract.

6. (currently amended) The method according to ~~any of Claim 1 to Claim 5, characterized in that the one or more types of~~ Claim 1, wherein any nucleotide sequence are

random sequences that do not contain a start codon.

7. (currently amended) The method according to Claim 6, ~~characterized in that~~ wherein the length of the random sequence is in the range of 3 mer to 200 mer.

8. (currently amended) The method according to ~~any of Claim 1 to Claim 7, characterized in that~~ Claim 1, wherein the method is a method for preparing a polynucleotide comprising a nucleotide sequence having translation enhancement activity.

9. (currently amended) The method according to Claim 8, ~~characterized in that~~ wherein the translation enhancement activity is equal to or greater than the activity of a 5' non-translated leader sequence of an RNA virus.

10. (currently amended) A polynucleotide obtained by the method according to ~~any of~~ Claim 1 ~~to Claim 9~~, having the activity of regulating translation efficiency.

11. (original) A polynucleotide having translation enhancement activity, comprising the nucleotide sequence set forth in any of SEQ ID NO: 11 to 135.

12. (original) A polynucleotide having an activity of regulating translation efficiency, comprising an artificial random nucleotide sequence of a length of 3 mer to 200 mer.

13. (currently amended) The polynucleotide according to Claim 12, ~~characterized in that~~ wherein the activity of regulating translation efficiency is equal to or greater than the activity of a 5' non-translated leader sequence of an RNA virus.

14. (currently amended) A template comprising the polynucleotide according to ~~any of Claim 9 to Claim 13~~ Claim 10.

15. (original) A protein synthesis method, characterized by the use of the template according to Claim 14.

16. (currently amended) A vector comprising the polynucleotide according to ~~any of Claim 9 to Claim 13~~ Claim 10.

17. (currently amended) A method for screening for a nucleotide sequence having an activity of regulating the translation efficiency of a template in a protein synthesis system, ~~characterized by~~ said method comprising: (a) supplying one or more types of template comprising any nucleotide sequence to a protein synthesis reaction system; (b) recovering a polyribosomal fraction from said reaction solution after the reaction; and (c) analyzing said nucleotide sequences in the template contained in said polyribosomal fraction.

18. (currently amended) The method according to Claim 17, ~~characterized in that~~ wherein said steps (a) to (c) are repeated using a template comprising the nucleotide sequence obtained in step (c).

19. (new) A polynucleotide obtained by the method according to Claim 2, having the activity of regulating translation efficiency.

20. (new) A polynucleotide obtained by the method according to Claim 3, having the activity of regulating translation efficiency.